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**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Re: Application of Riehle et al. Art Unit: 1744  
Serial Number: 10/013,049 Examiner: William H. Belsner  
Filed: December 10, 2001  
Attorney's Docket: 10086/2  
Title: Reduced ByProduct High Solid Polyamine-Epihalohydrin Compositions

January 12, 2005

**RESPONSE TO FINAL OFFICE ACTION UNDER 37 CFR 1.113**

MAIL STOP AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22312-1450

Sir:

**REQUEST FOR RECONSIDERATION**

In response to the Office Action Mailed September 7, 2004 in connection with the above identified patent application, Applicants submit the following remarks. Applicants respectfully request reconsideration of the rejections in view of the remarks and accompanying terminal disclaimers.

**STATUS OF CLAIMS**

**1. CLAIM REJECTIONS UNDER 35 USC § 103**

Claims 1-12, 14-16, 18-25 and 35-37 stand rejected under 35 U.S.C. §103(a) as being obvious over Riehle et al. (US 6,554,961 or US 2003/0205345) in view of Miller et al. (US 5171795).

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Hercules Plaza  
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Telephone: (302) 594-5833

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**From:** Joanne Rossi, Esq.  
Hercules Incorporated

**Number of Pages (including cover sheet):** 11 J12

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**Re: . First Inventor: Relhle**  
**Serial Number: 10/013,049**  
**Filed: December 10, 2001**

**Art Unit: 1744**  
**Examiner: William H. Beisner**  
**Attorney's Docket: DKT 10086/2**

**Response to Final Office Action (5 pages)**  
**2 Terminal Disclaimers plus fee sheet (3 pages)**  
**Petition for Extension of Time (2 pages)**

Doc Code:

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Effective on 12/03/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R.

# FEE TRANSMITTAL for FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) \$260.00

## Complete if Known

Application Number 10/013,049  
Filing Date 12/10/2001  
First Named Inventor RIEHLE, Richard James  
Examiner Name BEISNER, William H.  
Art Unit 1744  
Attorney Docket No. 10086/2

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_  
☒ Deposit Deposit Account Number: 08-1800 Deposit Account Name: Hercules Incorporated

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

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## FEE CALCULATION

### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

### 2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	\$50.00	\$0.00

Indep. Claims	Extra	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	\$200.00	\$0.00

HP = highest number of independent claims paid for, if greater than 3.

### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listing under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50	(round up to a whole)	x \$250.00	\$0.00

### 4. OTHER FEE(S)

Non-English specification.	\$130 fee (no small entity discount)	
Other (e.g. late filing surcharge): 2 Terminal Disclaimer Fees 37 CFR 1.20(d)		\$260.00

## SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	43,061	Telephone	302 594-5833
Name (Print/Type)	Joanne Fobare Rossi			Date	January 12, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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